

Water Savings Incentive Program WaterSIP Project Funding FY09

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Governing Board Meeting
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Water Savings Incentive Program

WaterSIP

- District funds local programs for water saving hardware or technology
- Proposal solicitation
- \$400,000 allocated in FY2008



**Irrigation-Weather
Sensor Station**

WaterSIP Important Dates

- February Application available on District's website
- March Kick-off Video Conference
- May 1 Application deadline
- June/July Projects scored and ranked
- August Board action recommended funding list
- October 1 FY09 projects begin implementation

WaterSIP Totals

FY2003 to FY2008

For All Fiscal Years

Approved Projects:	72
Total Project Costs (Incl. SIP Funds):	\$9.3 M
SIP Funds Allocated:	\$2.3 M
Estimated Water Savings:	4.3 MGD

At 179 gallons/day/capita: WaterSIP Savings of
4.3 MGD = water use of 24,000 people

Typical WaterSIP Projects

<u>County</u>	<u>Applicant</u>	<u>Project</u>	<u>SIP Funding</u>	<u>Est. Water Savings (MGY)</u>
Orange	Harmony Community Development District	Maxicom Irrigation system including soil moisture sensor and shut-off devices	\$45,000	57.2
St. Lucie	St. Lucie County	Indoor plumbing retrofits	\$50,000	26
Hendry	Port LaBelle Utilities	Automatic flushing devices	\$49,961 REDI*	8.40
Palm Beach	Century Village	Convert irrigation system to reclaimed water	\$21,551	74.7
Miami-Dade	Town of Medley	Public Restrooms water use reduction program	\$5,700	0.45

* Rural Economic Development Initiative

WaterSIP in Action: City of Pompano Beach

Fire-hydrant Flush Device

Total Project Cost: \$20,000

Funding Allocation: \$7,500

Water Savings (Est.): 0.14 MGY

Conventional Method



Automatic Flushing Device



WaterSIP in Action: Lake Nona Golf & Country Club

Interchange Water Management System:

RainBird Maxicom 2 field controls

Total Project Cost: \$200,000

Funding Allocation: \$50,000

Water Savings (Est.): 4.15 MGY



WaterSIP in Action: Hunter's Creek Community

Maxicom Irrigation System

(Including soil moisture sensors
and shut-off devices)

Total Project Cost: \$344,903

Funding Allocation: \$50,000

Water Savings (Est.): 90 MGY



Current WaterSIP Project Support Guidelines

- Hardware or technology:
 - Automatic fire hydrant flushing devices
 - Soil moisture and rain sensors
 - Plumbing retrofits
- 50/50 cost share, up to \$50,000
 - Except in Rural Economic Development Initiative (REDI) communities
- Project must be completed by August 28, 2009



Current WaterSIP Project Support Guidelines (cont.)

- **Projects NOT supported by WaterSIP:**
 - Pilot or demonstration projects
 - Capital included in an entity's capital improvement program
 - Public outreach related efforts
 - Vegetation/plant material replacement

WaterSIP Selection Criteria

- ✓ Conservation efficiency
- ✓ Consistency with Regional Water Supply Plans and Governing Board initiatives
- ✓ Cost effectiveness
- ✓ Environmental and/or community benefits
- ✓ Innovation
 - New technology
 - New method for current technology



WaterSIP Project Selection Committee

- Five (5) member selection committee
 - Three (3) Water Supply staff
 - Two (2) Governing Board member appointees
- Ensures well-rounded technical expertise in review process
- Subject to Sunshine Laws



Questions?

Direction on Selection Guidelines?

Direction on Selection Criteria?

